

[54] **FILE DIRECTORY STRUCTURE GENERATOR AND RETREVIAL TOOL WITH DOCUMENT LOCATOR MODULE MAPPING THE DIRECTORY STRUCTURE OF FILES TO A REAL WORLD HIERARCHICAL FILE STRUCTURE**

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[58] Field of Search ..... **395/700, 650, 600**

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[57] **ABSTRACT**

A file directory structure and retrieval system for use in a computer that operates according to an operating system program and an application program. The memory of the computer stores files in a directory structure. A document locator module maps the directory structure of the files stored in the memory to a real world hierarchical file structure of files and directories. The mapping is independent of conventions of the operating system. The document locator module can create, move and delete files and directories without exiting the application program. An open module operates in the background of the application program and intercepts control of the processor when a command is executed to cause a file to be opened. The open module displays on the output device an open card to allow entry of information relating to the contents of the file and location of the file in the real world hierarchical file structure of the file. It causes the file to be opened. A save module operates in the background of the application program and intercepts control of the processor when a command is executed to cause the application program to request information about a file to be saved. The save module displays on the output device a save card to allow entry of information relating to the file. It also causes the file to be saved.

28 Claims, 22 Drawing Sheets

